

## **IN THE CLAIMS**

1. (Currently Amended) A variable geometry turbine comprising a bladed turbine wheel ~~having radial blades and~~ supported in a housing for rotation about an axis, an annular inlet passageway extending radially inwards towards the turbine wheel, the inlet passageway being defined between an annular wall of a moveable wall member and ~~a facing wall of the housing~~, the moveable wall member being movable relative to the housing to vary the width of the inlet passageway, an annular array of vanes extending across the inlet passageway, the vanes having leading and trailing edges, and a width defined between the leading and trailing edges and a height extending generally parallel to the axis ~~of the turbine wheel, wherein the height varies~~ across the width of the vanes from a maximum to a minimum, the minimum height being less than the axial width of the turbine blade tips; and

wherein the minimum height of the vanes is greater than the minimum width of the inlet passageway.

2. (Cancelled)

3. (Currently Amended) A variable geometry turbine according to claim 21, wherein the minimum height is defined at the trailing edge of the vanes.

4. (Currently Amended) A variable geometry turbine according to ~~any preceding~~ claim 1, wherein the maximum height of the vanes is greater than the maximum width of the inlet passage.

5. (Currently Amended) A variable geometry turbine according to ~~any preceding~~ claim 1, wherein the difference between the minimum height and the maximum height is no less than the axial width of the turbine blade tips.

6. (Currently Amended) A variable geometry turbine according to ~~any preceding~~ claim 1, wherein the vanes have a maximum width portion and a reduced width portion and a sharp transition in vane height between the two.
7. (Currently Amended) A variable geometry turbine according to ~~any preceding~~ claim 1, wherein the maximum height is defined along the leading edge of the vanes.
8. (Original) A variable geometry turbine according to claim 7, wherein the vane height is substantially constant across part of the width of the vane adjacent the leading edge and then reduces to the minimum height adjacent the trailing edge.
9. (Currently Amended) A variable geometry turbine according to claim 8, wherein ~~when the height~~ the vane height is substantially constant across a part of the width of the vane adjacent the trailing edge.
10. (Original) A variable geometry turbine according to claim 9, wherein the vanes are supported by the moveable wall member.
11. (Currently Amended) A variable geometry turbine according to claim 10, wherein said ~~facing wall of the turbine~~ housing is provided with an annular recess to receive said vanes as the moveable wall member is moved towards said ~~facing wall~~ housing.
12. (Original) A variable geometry turbine according to claim 11, wherein said annular recess is covered by a cover provided with slots to receive said vanes.
13. (Cancelled)